

FIG. 1
(PRIOR ART)



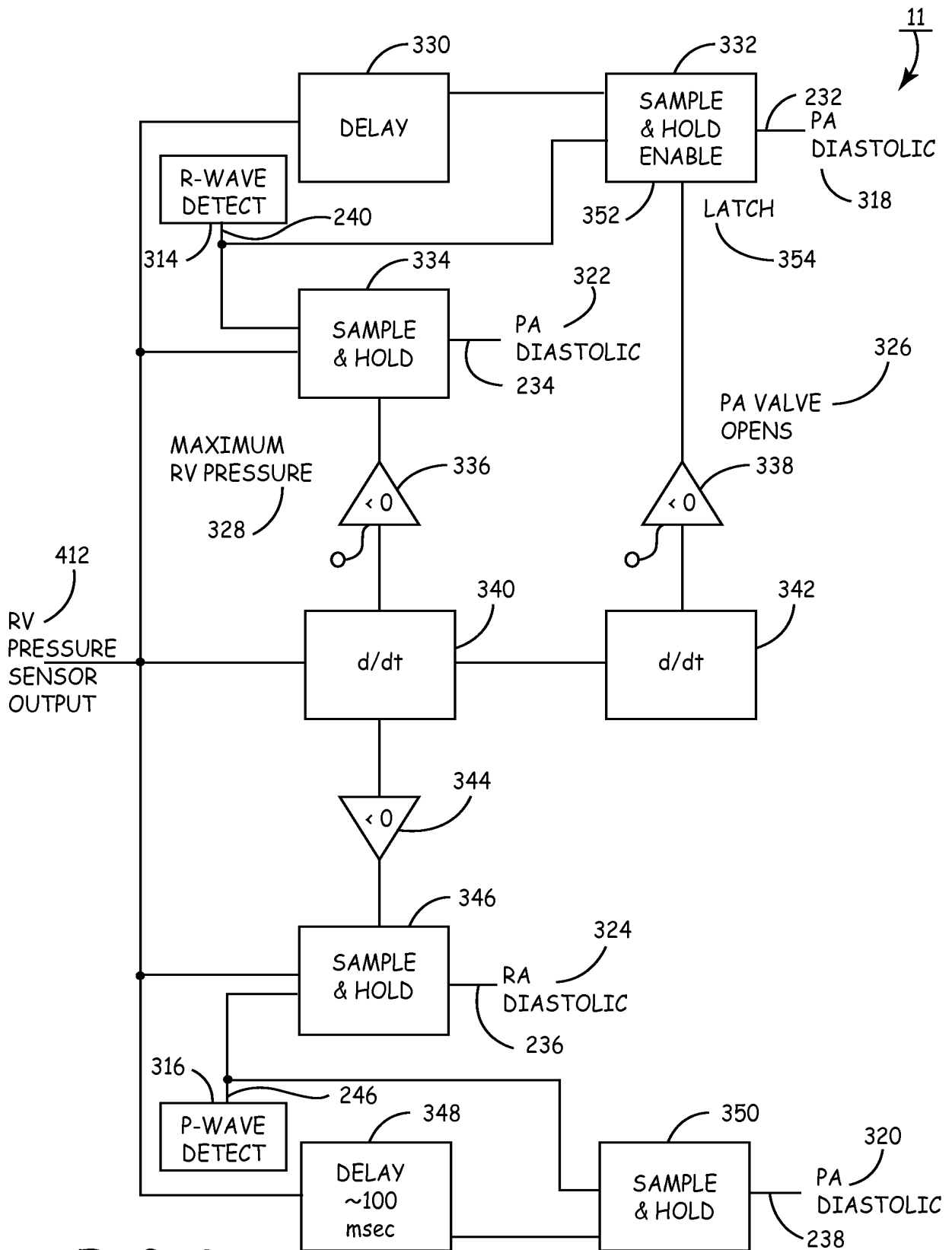


FIG. 3
(PRIOR ART)

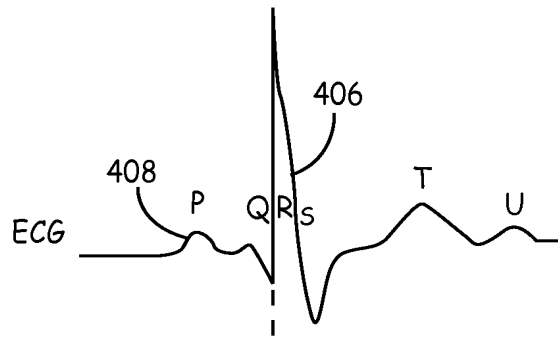


FIG. 4A
(PRIOR ART)

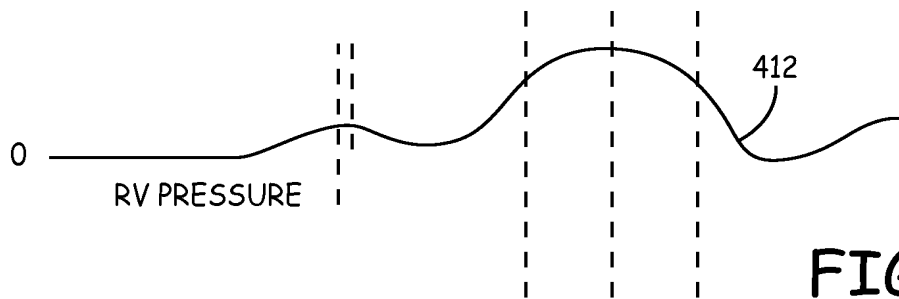


FIG. 4B
(PRIOR ART)

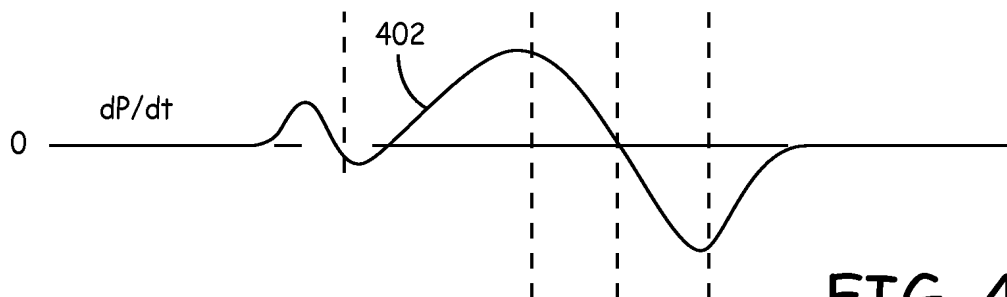


FIG. 4C
(PRIOR ART)

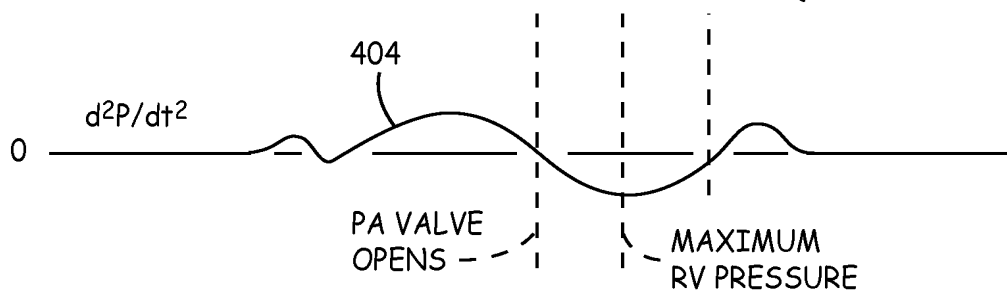


FIG. 4D
(PRIOR ART)

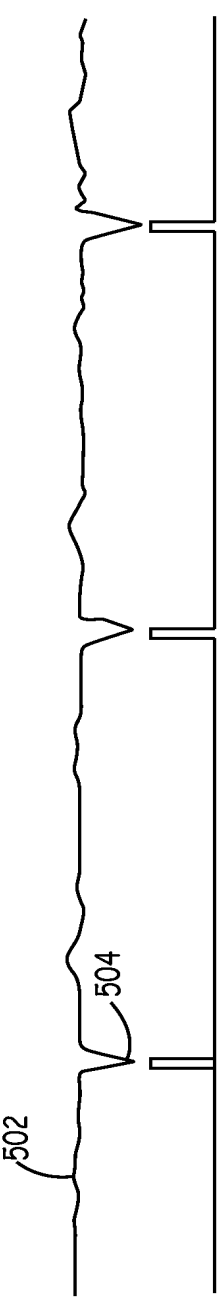


FIG. 5A
(PRIOR ART)

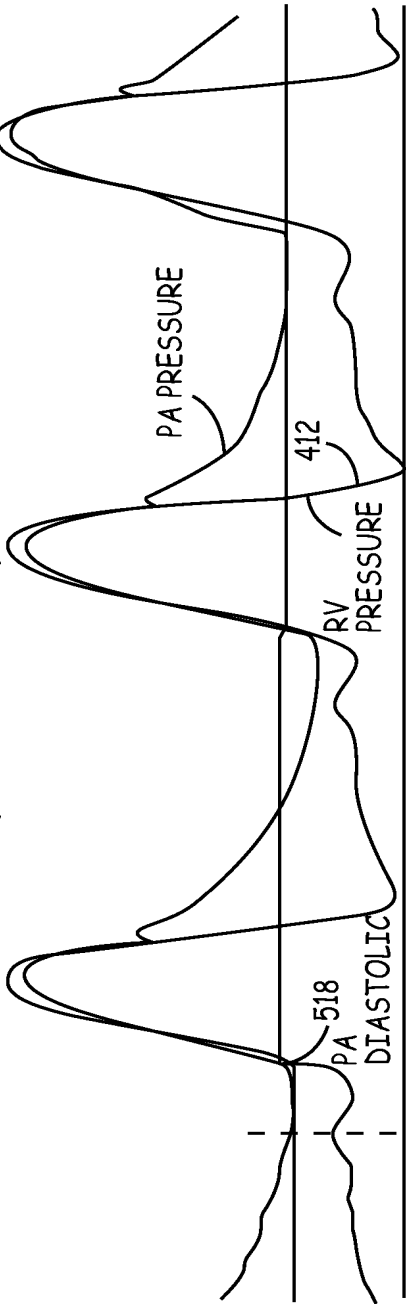


FIG. 5B
(PRIOR ART)

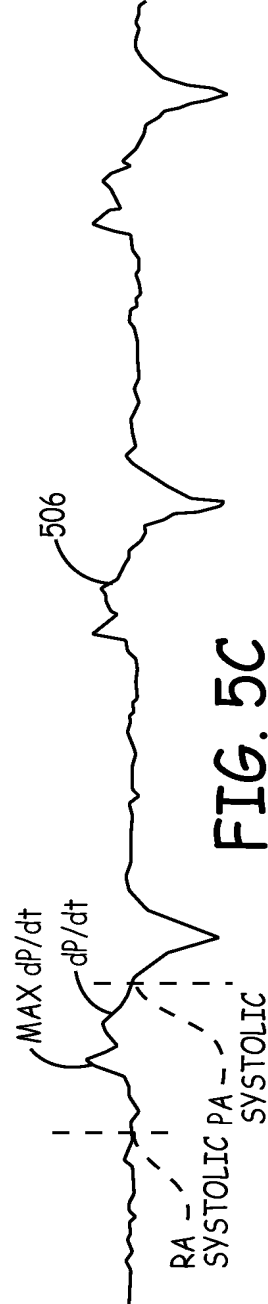


FIG. 5C
(PRIOR ART)

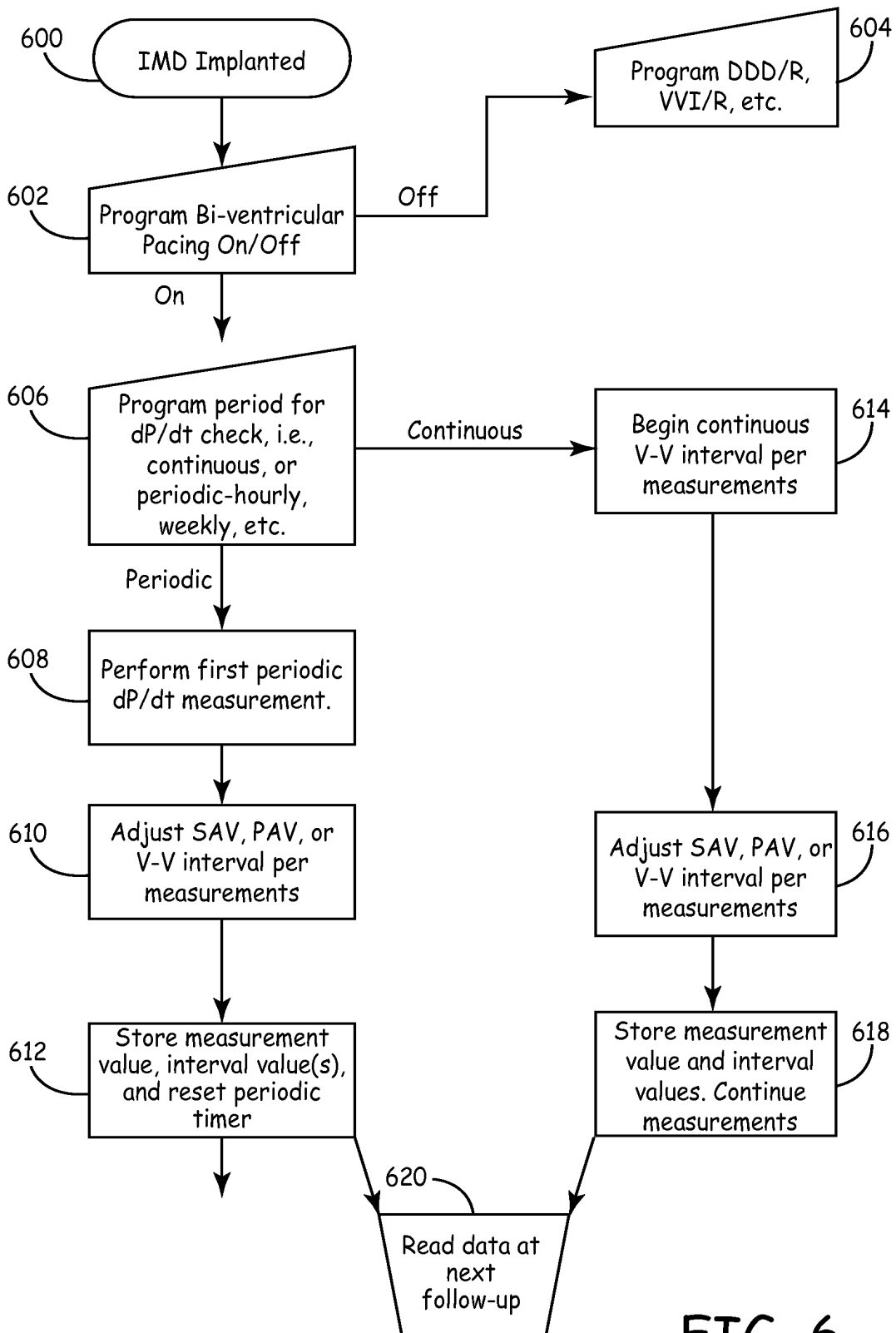


FIG. 6
(PRIOR ART)

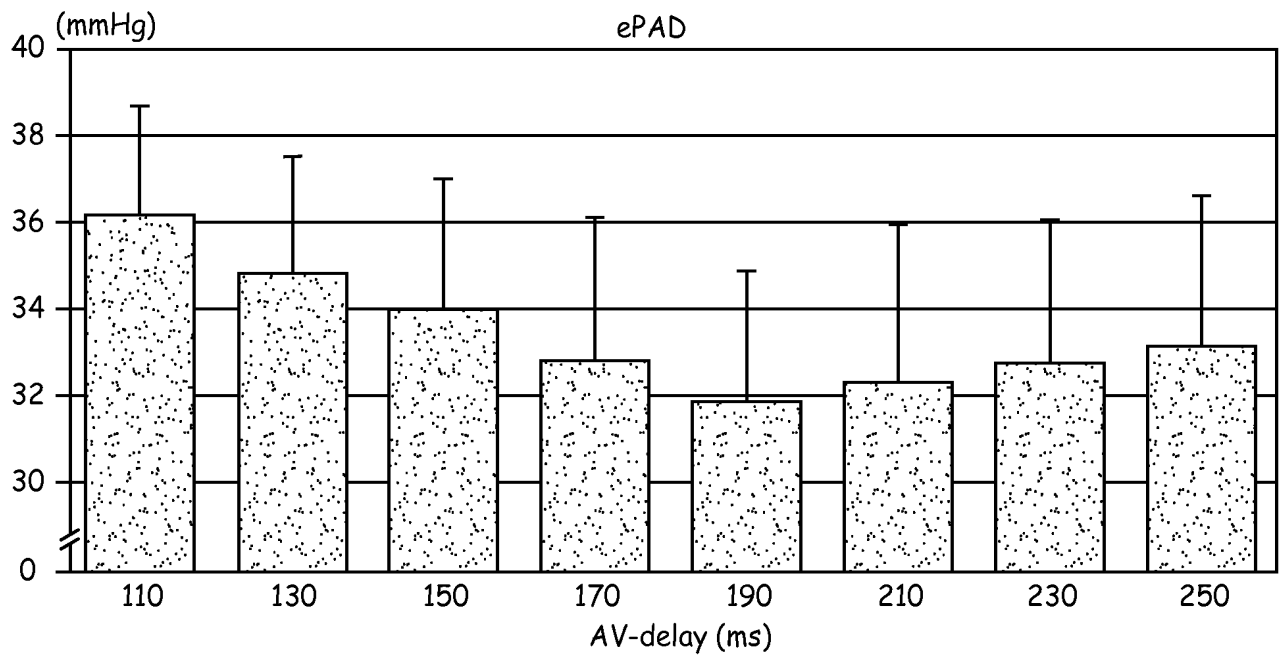


FIG. 7

REPLACEMENT SHEET

8 / 9

Heart Rate Optimization

| HR (bpm) | RVSP (mmHg) | RVDP (mmHg) | RVPP (mmHg) | Pos dP/dt (mmHg/sec) | ePAD (mmHg) |
|---------------|----------------|----------------|----------------|-------------------------|----------------|
| Spont (40) | 52.3 | 17.6 | 34.0 | 224.6 | 30.6 |
| 50 | 53.6 | 18.1 | 34.9 | 223.5 | 31.1 |
| 60 | 52.1 | 17.7 | 33.5 | 231.3 | 30.1 |
| 70 | 53.5 | 15.3 | 37.2 | 267.5 | 30.2 |
| 80 | 52.7 | 14.3 | 36.9 | 301.2 | 29.8 |
| 90 | 51.8 | 12.8 | 37.5 | 307.0 | 28.3 |
| 100 | 50.1 | 12.2 | 36.3 | 341.1 | 26.8 |
| 110 | 48.5 | 12.3 | 34.9 | 369.5 | 26.5 |

HR=heart rate, RVSP=right ventricular systolic pressure, RVDP=right ventricular diastolic pressure, ePAD=estimated pulmonary artery diastolic pressure, RVPP=right ventricular pulse pressure

FIG. 8

REPLACEMENT SHEET
9 / 9

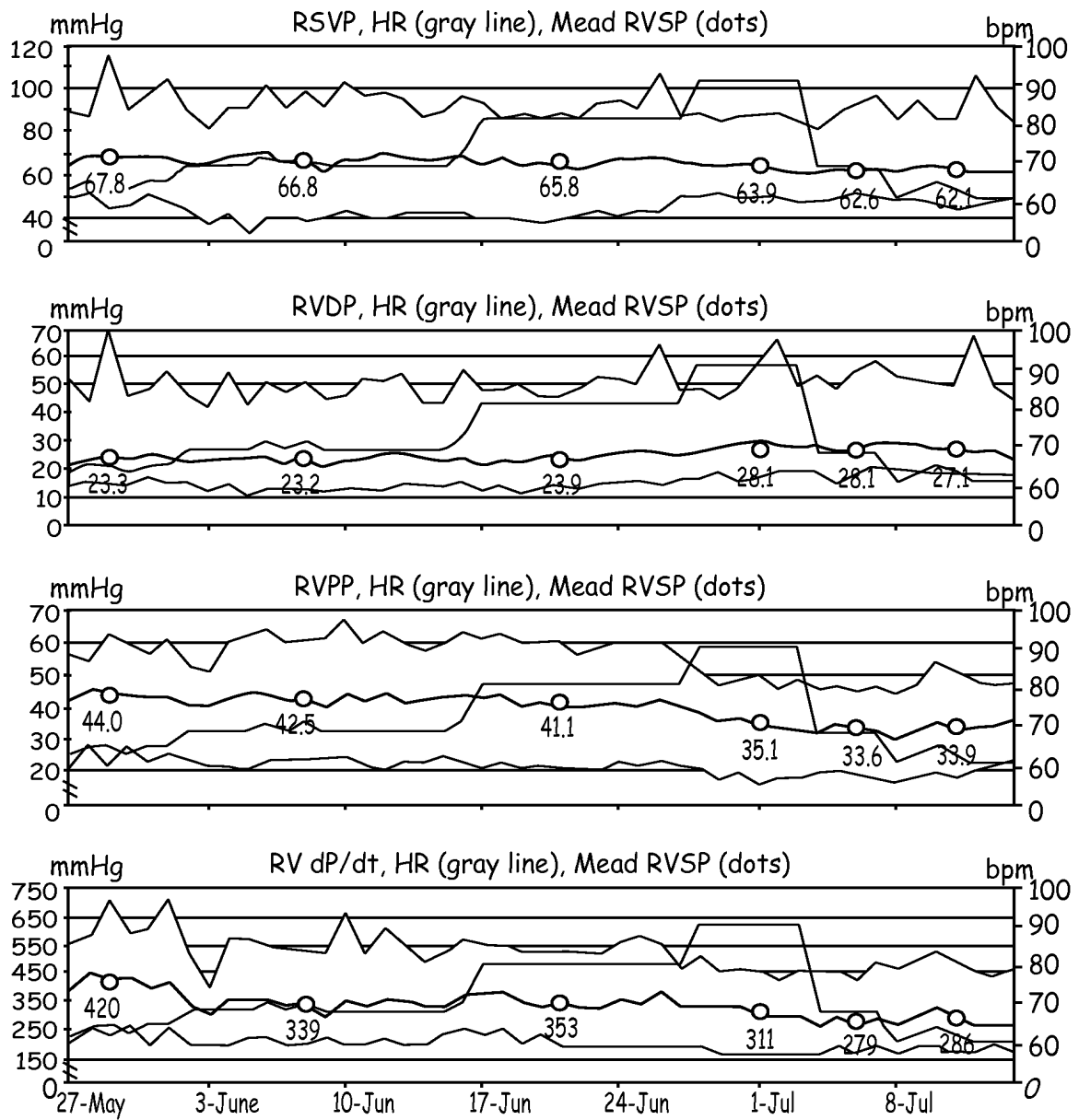


FIG. 9